

**Australian Acoustical Society**  
A.C.N. 000712658  
**NEW SOUTH WALES DIVISION**  
**TECHNICAL MEETING**

Together with the **Institution of Engineers Australia** (Sydney Mechanical Branch) and the **RTSA NSW Chapter**, as part of the **2005 Engineers Australia Mechanical College Eminent Speaker Tour**

## **Vibration from Underground Railways**

**The Date:** Monday 22<sup>nd</sup> August 2005

**The Venue:** INSTITUTION OF ENGINEERS AUSTRALIA  
118 Alfred St, Milson's Point

**The Time:** 5.30 pm for a 6 pm start

**The Speaker:** Dr Hugh Hunt

Dr. Hunt is a lecturer at Cambridge University where he has the divided interests of studying dynamical systems and the education of engineers in the design of dynamical systems. He has received substantial grants for the study of existing rail systems and the design of new ones. The work of his research group is focused on developing methods for reducing noise and vibration generated by railway trains, especially in underground tunnels. The project involves analytical and numerical modelling of the track and tunnel and their interaction with the ground. The models are validated against measurements made in and near railway tunnels. The project is of considerable interest to all urban railway operators in Europe and elsewhere.

**RSVP:** by Monday 15<sup>th</sup> August to Matthew Harrison

[m.harrison@bassett.com.au](mailto:m.harrison@bassett.com.au)

if no email available ring Matthew's office on 9957 5577  
(leave a message that you will be attending with the receptionist)

*Dr Hunt will be invited out to dinner afterwards and Members of the AAS are also invited to attend (at your own cost).*